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 L Baxevanaki, I Mathes, T Bozios - Proc. IST Mobile Communications Summit, 2000 - intracom.gr

... AS) in order to allow the client's life ... the final output format, using an appropriate XSL document. ... above mentioned parameters of the adaptation process (ie ...

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D Pearce - AVIOS 2000: The Speech Applications Conference, 2000 - w3.org

... of protocols in the chain from the client terminal device to ... in the back-end, such as noise adaptation (eg PMC ... For full details see the DSR standard document [1 ...

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M Metso, A Koivisto, J Sauvola - Multimedia Signal Processing, 1998 IEEE Second Workshop on, 1998 - ieeexplore.ieee.org

... rapidly increasing research effort in document analysis [4 ... Media adaptation is guided

by specific Quality ... and reliability, and the client-specific capabilities ...

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OE Kia, JJ Sanvola - Multimedia Signal Processing, 1998 IEEE Second Workshop on, 1998 - ieeexplore.ieee.org

... represent documents efficiently and a client-server ... Requirements for adaptation of end-to-end systems ... understanding approach by defining document content and ...

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[Terminal Boxes with Insertion Strips: Advanced Planning of the Quality and Validation of the Design](#)

J Hercules - Quality Engineering, 1996 - informaworld.com

... was assured by the tolerance study, a **document** in which ... technical specification Homologation by the **client** Field tests ... the design to review and **adaptation** as a ...
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CY Liao, YC Shi, GY Xu - proceeding of SPIE International Symposia on Voice, Video ..., 2000
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... the other hand, the separation of Transport **Adaptation** Layer from ... or in the proxy, even in the **client** side. ... meta information of a given compound **document** as we ...

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[BSCW for disabled teleworkers: usability evaluation and interface](#)

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M Pieper, D Hermsdorf - Computer Networks and ISDN Systems, 1997 - Elsevier

... to do so) with an unmodified WWW **client** on any ... became obvious that some of the mentioned

adaptations can not ... does not allow to mark text in an HTML **document**. ...

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M van Bakkum, ME Bijlsma, H van Kranenburg, MM ... - Telematica Instituut, Enschede, December, 2000 - [doc.telin.nl](#)

... The **document** ends with a chapter with overall ... in controlling services (eg dynamical QoS **adaptation**, near real time ... tracking technology (at the **client** side) is ...

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B Kreller, ASB Park, J Meggers, G Forsgren, E ... - IEEE Personal Communications, 1998 - [camars.kaist.ac.kr](#)

... Other rea- sons for **adaptation** can arise, for ... the maximal time the mobile **client** wants to ... concerning multimedia e-mail, multimedia **documents**, and distributed ...

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[MPEG-4 Systems: Overview - all 15 versions »](#)

O Avaro, A Eleftheriadis, C Herpel, G Rajan, L ... - Multimedia Systems, Standards, and Networks, 2000 - [books.google.com](#)

... provided the scene description and **client**-side interaction ... sync layer was previously named the **adaptation** layer. ... level in the MPEG-4 require- ments **document**. ...

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TC Baseline - Version, 1997 - [tinac.com](#)

... of Service Architecture part of the **document**. ... a TINA system and used for identifying **terminal characteristics**. ... required software in the **client** equipment, etc. ...

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... function allows to retrieve user and **terminal characteristics** to perform application **adaptation** accord- ing ... the near future all their **client** and server ...
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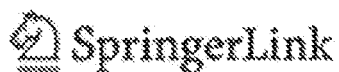
[Open mobility management platform with directory-based architecture and signalling protocols](#)

H Maass - Open Architectures and Network Programming, 1998 IEEE, 1998 -
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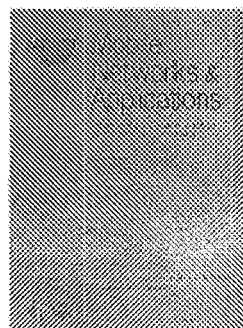
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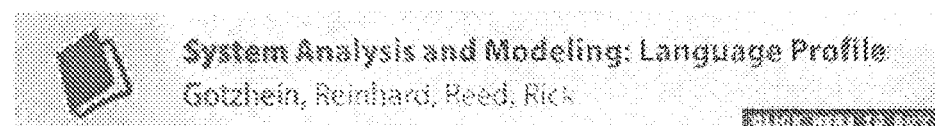
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Subject Collection	Computer Science
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PDF (386.2 KB) HTML

**Henning Maass¹**

(1) Philips Research Laboratories, 52066 Aachen, Germany

Abstract Location-aware applications are becoming increasingly attractive due to the widespread dissemination of wireless networks and the emergence of small and cheap locating technologies. We developed a location information server that simplifies and speeds up the development of these applications by offering a set of generic location retrieval and notification services to the application. The data model and the access protocols of these services are based on the X.500 directory service and the lightweight directory access protocol LDAP since these are becoming the standard attribute-value-pair retrieval mechanisms for Internet and Intranet environments. This approach establishes a smooth migration path from conventional to location-aware applications. The paper presents the location information server concepts, defines its directory data model and access services, and discusses the implementation options of the location information server.

This revised version was published online in June 2006 with corrections to the Cover Date.



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[Maass, H.](#)

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Publication Date: 3-4 Apr 1998

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Location: San Francisco, CA, USA

ISBN: 0-7803-4783-8

References Cited: 27

INSPEC Accession Number: 5907502

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Posted online: 2002-08-06 21:35:48.0

Abstract

The introduction of user and terminal mobility into private communication networks requires mobility management services. They handle the dynamic locations of mobile users and the allocation of personal service profiles. The author is developing an open mobility management platform which contains a set of support functions and APIs on which mobility management services can be built. The platform performs location and profile handling based on distributed X.500 directory services and the required mobility management signalling protocols based on X.500 and LDAP directory services. Additionally the platform offers three mobility abstraction levels that he uses to build mobile multimedia applications. He developed a multi-master replication protocol for the director platform to fulfil the demanding performance and availability requirements of corporate networks. Management services built on this platform can be easily customised to changing and evolving requirements and the platform functionality can be extended due to the generic directory service approach.

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K Froese - Master's thesis, Dept. of Computer Science, University of ..., 1997 - citeseer.ist.psu.edu

 ... issues related to managing a mobile client's file ... Goyal (2000) (Correct) Related documents from co ... 81 A programming interface for application-aware adaptation in ... Cited by 6 - [Related Articles](#) - [Cached](#) - [Web Search](#)
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S Chandra - 2000 - citeseer.ist.psu.edu

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... at client [3] and the server caches [26] Many ... 9... Cited by: More Adaptation-Aware Web Caching: Caching in ... Wang, Bunt (2002) (Correct) Related documents from co ...

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... Prediction on server-side or client-side - carefully app ... 2.2.2 Adaptation of the prediction algorithm To ... row and column represents an available document on the ...

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G Pierre, I Kuz, M van Steen - 2000 - cs.vu.nl

... traditional Web proxying, using it at client sites would ... Adaptation comes at a cost that we consider ... the benefits of using per-document replication strategies. ...

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J Kubiawicz, W Weimer, C Wells, B Zhao, D Bindel ... - ACM SIGPLAN Notices, 2000 - portal.acm.org

... in selecting policies for replication, availability, caching, and mi ... that it does

not have the **document** locally, (4a ... than an entity that the **client** might have ...

[Cited by 1364](#) - [Related Articles](#) - [Web Search](#)

[\[book\] Web Prefetching Using Partial Match Prediction - all 14 versions »](#)

T Palpanas - 2000 - csri.toronto.edu

... allows a **client** to make several requests in a short ... The remainder of this **document** is organized as follows. ... The problem of **predictive caching** emerges also in ...

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JM Menaud, V Issarny, M Banatre - Advances in Distributed Systems: Advanced Distributed ..., 2000 - books.google.com

... **Predictive** prefetching consists of anticipating the **client** requests so as to prefetch a **document** on the WEB server before the **client** actually ...

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K Froese - Proceedings of the Seventh Annual Graduate Symposium on ..., 1995 - cs.usask.ca

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Authors [Jin Jing](#) GTE Lab, Inc., Waltham, MA
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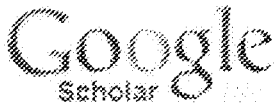
↑ ABSTRACT

Recent advances in wireless data networking and portable information appliances have engendered a new paradigm of computing, called mobile computing, in which users carrying portable devices have access to data and information services regardless of their physical location or movement behavior. In the meantime, research addressing information access in mobile environments has proliferated. In this survey, we provide a concrete framework and categorization of the various ways of supporting mobile client-server computing for information access. We examine characteristics of mobility that distinguish mobile client-server computing from its traditional counterpart. We provide a comprehensive analysis of new paradigms and enabler concepts for mobile client-server computing, including mobile-aware adaptation, extended client-server model, and mobile data access. A comparative and detailed review of major research prototypes for mobile information access is also presented.

↑ REFERENCES

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-  1 [Swarup Acharya, Rafael Alonso, Michael Franklin, Stanley Zdonik, Broadcast disks: data management for asymmetric communication environments, Proceedings of the 1995 ACM SIGMOD international conference on Management of data, p.199-210, May 22-25, 1995,](#)


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... mediation through usage of collaborative adaptive society of ... to integrate them in the web pages: metatags (titles, authors, style, type of document). ...

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G Pierre, CK Liu - Proceedings of the 7th workshop on ACM SIGOPS European ..., 1996 -

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... **Web** caches allow the modification of **documents**, but don't ... integrate LaSCoW in the World- Wide **Web** environment ... **Adaptive** systems are able to react to environmental ...

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E Athanassiou, P Barrett, D Chirichescu, MP ... - Proceedings of the Third International Workshop on ..., 1999 - Springer

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[Lay-up device for automatic positioning of a web of fibers on a mold](#) - [all 3 versions](#) »

A Greffioz, P Tillement - US Patent 5,074,948, 1991 - Google Patents

... Shinnoetal 156/523 X FOREIGN PATENT DOCUMENTS 0204249 12 ... matic shaping of a **web** of

fibers equipped with ... employed as application mem- an **adaptive** function which ...

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PG RAVERDY, R LEA - WO Patent WO/1999/050,743, 1999 - wipo.org

... software run-time environment, application designers would be able to quickly develop distributed **adaptive** software, such as network or **web** software, without ...

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 ... Figure 1. Range of **adaptation** strategies. ... **client** hoard database. ... Periodically, Venus

 walks the **cache** to ensure that the highest **priority** items are present and ...

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 ... **Client** Browser ... of visits to sites that will not be visited again ie long term **adaptation**.

...

 node weights are used in order to pre-fetch the **documents** that the ...

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M Satyanarayanan - ACM SIGOPS Operating Systems Review, 1995 - portal.acm.org

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 ... compatible with several popular Internet **document** retrieval protocols ... as a result of **client** feedback based ... trajectories that a proper modeling and **adaptation** ...

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WR Belknap, LW Fitchett, BF Stansbury - US Patent 5,603,058, 1997 - Google Patents

 ... Functional Specification Release 4.50, **Document** No. ... CONTROL ^r RAID BUFFER (VIDEO

CACHE a DISK INTER FA CE ... STREAM CONTROL COMMANDS (HIGH PRIORITY EXECUTION) ...

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AR Saxena, PS Wang - US Patent 5,805,821, 1998 - Google Patents

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... shown in Figure 4. a, a hyper- document can be ... Existing algorithms for computing client and/or page groups ... led us to propose a second adaptation of associative ...

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 ... We examine **characteristics** of mobility that distinguish mobile **client** ... It communicates

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